

Title (en)

APPARATUS FOR PREPARING A BEVERAGE

Title (de)

VORRICHTUNG ZUR ZUBEREITUNG EINES GETRÄNKS

Title (fr)

APPAREIL DE PRÉPARATION D'UNE BOISSON

Publication

EP 1845828 A1 20071024 (EN)

Application

EP 04804978 A 20041221

Priority

EP 2004053644 W 20041221

Abstract (en)

[origin: WO2006066623A1] The invention relates to an apparatus (1) for preparing a beverage (2), preferably with a froth layer (4), comprising a liquid storage tank (6), a valve device (8) and a heating device (9). The valve device is arranged to receive unheated liquid (U) from said liquid storage tank and to provide said unheated liquid to said heating system to obtain heated liquid for preparing said beverage. By rearranging the various components of the apparatus (1) such that the valve device (8) is at least partly arranged in the cold water circuit of the apparatus, the deposit of calcium in the valve device is reduced or eliminated. The invention further relates to a valve device (8) and a method for preparing a beverage.

IPC 8 full level

A47J 31/46 (2006.01)

CPC (source: EP US)

A47J 31/461 (2018.07 - EP US); **Y10T 137/86493** (2015.04 - EP US)

Citation (search report)

See references of WO 2006066623A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006066623 A1 20060629; AT E410942 T1 20081015; CN 100566639 C 20091209; CN 101123907 A 20080213;
DE 602004017236 D1 20081127; DK 1845828 T3 20090209; EP 1845828 A1 20071024; EP 1845828 B1 20081015; PL 1845828 T3 20090331;
US 2008202612 A1 20080828

DOCDB simple family (application)

EP 2004053644 W 20041221; AT 04804978 T 20041221; CN 200480044845 A 20041221; DE 602004017236 T 20041221;
DK 04804978 T 20041221; EP 04804978 A 20041221; PL 04804978 T 20041221; US 72223404 A 20041221